142443

			<i>V</i> *		
Cost Center: KJ5102	ACKNOWLEDGEMENT OF COMPERFORMANCE OBSERVATION	Contract No.: 68-6001, 68-WO-0037			
Contractor: Ecology and Environment, Inc.			TDD No.		
		S05-9703-012			
Reporting Element:	Date(s) of Reported Observation	Approx. No. of Hours	Account No.		
REGION V START	3/18/97 - 8/ <b>24</b> /97	155	7M1201SI		
Performance Evaluation Category SITE ASSESSMENT - SA	ory: UGET AREA 1				
Description of Contractor Obse	rvation By: DAMON SINARS				
The OSC has an	proved closure of this TDD. A	11 activities have 1	seen completed by		
	proved crodule or this ibb.	it acceptites have i	reen completed by		
START. The OSC has	accepted the final deliverabl	e produced by START	,		
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Rating: 5, 4, 3, 2, 1	Signature of Contractor:		Date:		
Description of EPA Observation	n Rv		L		
Description of ELA CosetAgliot	. Uy.	Name/Title			
		realizer rate			
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	•		T		
Rating: 5, 4, 3, 2, 1	Signature of EPA:		Date:		
	<u> </u>				
Signature of Regional POR Coordinator:			Date:		
		<u> </u>			
HQ Coordinator's Evaluation By	/:				
		Name/Title			
Rating: 5, 4, 3, 2, 1	Signature of HQ:		Date:		
DPO Action: Accepte	Accepted with E	xceptions	Rejected		
Cost to Date: 14, 171, 2	9 Date: 8 29/97 H	ours to Date: 125.3	5^		
Estimated Cost to Closure:	1-030 4/				
Estimated Cost to Closure:	5,083.19 To	otal Hours to Closure: / 5	کرل		
I certify that the attached mater	ials meet and comply		Date: / /		
with all requirements of the subject TDD.					
Interim a linterim					
TIVE	700		1/05/48		
TATL Signature (interim) TATL Signature (final) Final					
I acknowledge that I have been provided with the materials and services  Date: q/2/07					
specified in the subject TDD within its original or revised time frames.					
Vail C. Natassy forming C. Court 10 114 195					
DPO Signature (interin		Signature (final)	10 /14/78		
/ Final ·					

Distribution:
Sheet 1 White
Sheet 2 White
Sheet 3 Blue
Sheet 4 Green
Sheet 5 Canary
Sheet 6 Pink
Sheet 7 Goldenrod

- HQS Coordinator
- DPO Copy
- TATL Copy
- ZPM Copy
- PO Copy
- CO Copy
- DPO Interim

Cost Senser:  ACKNOWLEDGEMENT OF COMPLETION  PERFORMANCE OBSERVATION REPORT  Contractor:  Ecology and Environment, Inc.  RECION V START  Dete(e) of Reported Observation RECION V START  RECION V START  RECION V START  RECION V START  SITE ASSESSMENT - SAUGET AREA 1  Description of Contractor Observation By: DAMON SINARS  The OSC has approved closure of this TDD. All activities have been completed by START.  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordin  HO Coordinator's Evaluation By:  Reting: 5, 4, 3, 2, 1  Signature of Regional POR Coordin  HO Coordinator's Evaluation By:  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordin  HO Coordinator's Evaluation By:  Total Hours to Closure:  I carrily that the attached materials meet and comply with all regularence from subject TDD.  TATE Signature (final)  Final  I acknowledge that I have been provided with the materials and services specified in the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.  Detection of the subject TDD within to original or revised time frames.	~ F						
Contractor: Ecology and Environment, Inc.  Reporting Element: S05-9703-012  Reporting Element: S1ERIN V START S1EVENT REA 1  Performance Evaluation Category: S1EV ASSESSMENT - SAUGET AREA 1  Description of Contractor Observation By: DAMON SINARS  The OSC has approved closure of this TDD. All activities have been completed by START. The OSC has accepted the final deliverable produced by START.  Rating: 5, 4, 3, 2, 1  Signature of Contractor: Date:  Name/Title  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordin  HO Coordinator's Evaluation By:  START Accepted Cost to Date: Accepted Cost to Cost Cost Cost Cost Cost Cost C	i l				Contract No.: 636-001/		
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Description of EPA Observation By:  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordir  HQ Coordinator's Evaluation By:  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordir  HQ Coordinator's Evaluation By:  DPO Action:  DPO Action:  Cost to Date: 14, 171, 29  Estimated Cost to Closure:  I certify that the attached materials meet and comply with all regulariengers of the subject TDD.  TATI Signature (Interim)  TATI Signature (Interim)  Tatics (Interim)  Date: 43, 42  Interim  Tinterim  Tinterim  Date: 43, 42  Interim	START. The OS	C has accepted the	final deliverabl	e produced by START.	•		
Description of EPA Observation By:  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordir  HQ Coordinator's Evaluation By:  Rating: 5, 4, 3, 2, 1  Signature of Regional POR Coordir  HQ Coordinator's Evaluation By:  DPO Action:  DPO Action:  Cost to Date: 14, 171, 29  Estimated Cost to Closure:  I certify that the attached materials meet and comply with all regulariengers of the subject TDD.  TATI Signature (Interim)  TATI Signature (Interim)  Tatics (Interim)  Date: 43, 42  Interim  Tinterim  Tinterim  Date: 43, 42  Interim							
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DPO Action: Accepted  Cost to Date: 1/1/29  Estimated Cost to Closure: Total Hours to Closure:  I certify that the attached materials meet and comply with all requirements of the subject TDD.  TATL Signature (final)  I acknowledge that I have been provided with the materials and services specified in the subject TDD within its original or revised time frames.  Date: 4/3/97 Interim	Description of EPA Obs	ervation By:					
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Cortify that the attached materials meet and comply with all requirements of the subject TDD.   Date:   39 / 93   Interim	DPO Action: DPO Accepted TDN# S05-9103-012						
I certify that the attached materials meet and comply with all requirements of the subject TDD.  TATE Signature (interim)  I acknowledge that I have been provided with the materials and services specified in the subject TDD within its original or revised time frames.  Date: 43/97  Interim	Cost to Date: 44,17	1.29					
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specified in the subject TDD within its original or revised time frames.    1	TATLSignatur	re (interim)	TAT	L Signature (final)	Final		
Vail C. Nabarry					Date: 9/2/07		
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Sheet 6 Pink
Sheet 7 Goldenrod

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- PO Copy
- CO Copy
- DPO Interim

## START CONTRACT ECOLOGY AND ENVIRONMENT, INC. CONTRACT NO. 68-W6-0011 TECHNICAL DIRECTION DOCUMENT (TDD)

1A. Cost Center: 1B. Account No.:	2. TDD No.:SO5-9703-012A			
3A. Priority: High	3B. Key EPA Contact:			
• 5	Name:Sam Borries			
	Phone:			
4A. Estimate of	5A. EPA Site Name:			
Total Hours: 35 (155)	Sauget Area 1			
Total Costs: 1750 (\$7,750)	(Eco Assessment)			
4B. Overtime Approved: YES	5B. SSID#			
	<pre>5C. City/County/State:</pre>			
6. Source of Funds: CERCLA				
7. CERCLIS ID#:	8A. Completion Date: 08/31/97			
	8B. Reference Info:No			
9. Type of Activity:	11. Desired Report Form:			
Site Assessment	Formal Report			
10. General Description				
The contractor shall provide analytical services identified in Task IV.A. of the START SOW				
12. Specific Elements:				
See page 2 for specific elements.				
13. Interim Deadlines:				
14. Authorizing PO:   Labourg   15. Date:   6/19/97				
16. Authorizing CO: 17. Date:				
(Signature)				
18. Accepted by STARTL (note any exceptions):  19. Date:				
HUAK - 6/19/97				

## START CONTRACT REGION V ECOLOGY AND ENVIRONMENT, INC. CONTRACT NO. 68-W6-0011 TECHNICAL DIRECTION DOCUMENT (TDD)

TDD NO.: S05-9703-012A

Under the START SOW amend LOE. Original hours were insufficient due to site access problems while in the field. Also, additional work is necessary including p)perform analytical data validation because additional dioxin samples were taken. In addition technical support to the EPA is continuing including: f)based upon assessment activities, the contractor shall make recommendations and provide options to EPA, g)determine characteristics (sensitive environments and other pertinent site condtions) as defined by TDD, and g) assess risks associated with the site.

## START CONTRACT ECOLOGY AND ENVIRONMENT, INC. CONTRACT NO. 68-W6-0011 TECHNICAL DIRECTION DOCUMENT (TDD)

1A. Cost Center:	2. TDD No.:805- 9703-0/2			
1B. Account No.:				
3A. Priority: High	3B. Key EPA Contact: Name:Sam Borries			
	Phone:			
4A. Estimate of	5A. EPA Site Name:			
Total Hours: 120	Sauget Area 1			
Total Costs: 6000	(Eco Assessment)			
4B. Overtime Approved:YES	5B. SSID#			
4D. Overcime Approved.12D	5C. City/County/State:			
6. Source of Funds: CERCLA	sc. crcy/councy/scace:			
	03			
7. CERCLIS ID#:	8A. Completion Date: 06/30/97			
	8B. Reference Info:No			
9. Type of Activity:	11. Desired Report Form:			
Site Assessment	Formal Report			
10. General Description				
The contractor shall provide <b>analytical</b> services identified in Task IV.A. of the START SOW				
12. Specific Elements:				
See page 2 for specific elements.				
13. Interim Deadlines:				
14. Authorizing PO: Hall C. Nabas	15. Date: 3/18/97			
(Signature) 16. Authorizing CO:	17. Date:			
(Signature)				
18. Accepted by STARTL (note any exceptions): 19. Date:				
JAK	3/18/97			

## START CONTRACT REGION V ECOLOGY AND ENVIRONMENT, INC. CONTRACT NO. 68-W6-0011 TECHNICAL DIRECTION DOCUMENT (TDD)

TDD NO.: S05-9703-012

The contractor shall a) obtain and review existing site, facility and/or release data provided by EPA;

- B) obtain and review files of state and local authorities, other federal agencies, and interested parties;
- C) conduct off-site visual observation of the site;
- D) conduct a site visit;
- E) document site conditions with written and visual documentation i.e., 35mm camera and/or VCR or 8 mm video camcorder, sketches, or logbook description.
- F) Based upon assessment activities, the contractor shall make recommendations and provide options to EPA as to, whether an immediate threat to public health or the environment exists, the potential need for a removal action, further investigation, no further action, state referral, referral to other Federal Agencies or EPA programs, facility actions, or other actions which may be suggested. EPA will review those recommendations and make the final determinations regarding the appropriate courses of actions.
- G) determine the characteristics (populations, sensitive environments, site usage, hydro geological and meteorological conditions, and other pertinent site conditions) as defined by TDD.
- H) determine pollutant dispersal pathways
- I) determine extent of contamination (soil, water, air and/or groundwater, sediments and lagoon sludge).
- J) develop a health & safety plan for field activities.
- K) develop site sampling & QA plan for field activities.
- L) Conduct sampling activities (on-site and/or off-site).
- M) schedule/provide for analytical support such as, CLP, non-CLP, field screening, Mobil laboratories and corporate laboratory support, etc.
- N) follow-up with sampling coordinator to assure sampling/analysis schedule is met.
- O) identify and address existing data gaps required to meet study objectives provided by EPA.
- P) perform analytical data validation i.e. run error analysis, determine percent confidence or determine data accuracy.
- Q) assess risks associated with a site.